



# Principles of Epidemiology

*An Introduction to Applied Epidemiology and Biostatistics*

A Centers for Disease Control and Prevention Self-Study Course

Presented by the Indiana State Department of Health  
Epidemiology Resource Center (ERC)

This course is targeted to local health officers, public health nurses, environmental health specialists, and anyone who wants to gain more skill in basic epidemiology. By the conclusion of the course, participants will understand fundamental epidemiological principles, introductory statistical methods, simple ways to organize epidemiologic data, basic surveillance techniques, and methods of outbreak investigation. While this is a CDC course, the instruction will be tailored to Indiana, with examples from Indiana and emphasis on Indiana specific forms and procedures where appropriate. Also highlighted will be case investigation, bioterrorism issues, and various disease agents.

ISDH ERC staff will teach the course, organized into six different lessons, over **three Friday afternoons** via satellite downlink:

<u>Date</u>	<u>Time</u>	<u>Lesson</u>	<u>Instructor</u>
<b>4/12</b>	<b>2:00-5:00</b>	1: Introduction to Epidemiology	Jim Howell
		2: Frequency Measures Used in Epidemiology	Bob Teclaw
<b>4/26</b>	<b>12:00-3:00</b>	3: Measures of Central Location/Dispersion	Hans Messersmith
		4: Organizing Epidemiological Data	Hans Messersmith
<b>5/10</b>	<b>1:00-4:00</b>	5: Public Health Surveillance	Jim Howell
		6: Investigating an Outbreak	Pam Pontones

Each presentation will last approximately two hours, allowing time for questions and a break. All presentation materials will be available on the ISDH website at <http://www.statehealth.IN.gov/bioterrorism> two weeks prior to the session. Each registered participant will also receive the CDC course textbook prior to the start of the course. Participants should read the relevant textbook sections prior to the presentations. After the sessions, an afternoon of on-site technical assistance will be offered in the north, central and southern sections of the state for those interested. During that time, participants can receive on-site help with questions and exercises and obtain up to **4.2 continuing education credits (CEU) or 42 continuing medical education credits (CME)** by completing the CDC open-book course exam. ISDH staff will collect and mail exams. Certificates from CDC will be available in approximately 4-6 weeks.



# Registration

**Those interested must register no later than Wednesday March 20, 2002.** To register, e-mail your form to Pam Pontones at [ppontones@isdh.state.in.us](mailto:ppontones@isdh.state.in.us) or fax your form to 317-233-7805. Alternatively, you may mail your form to ISDH, attn: Pam Pontones, 2 North Meridian Street 6-A, Indianapolis, IN 46204. Copies of the form can be made as necessary. Registrants will receive an e-mail confirmation and notification of the nearest downlink site. Those registered will also receive a copy of the CDC course textbook, which can be inserted into a three-ring binder. Dates and locations of the on-site technical assistance workshops will be given during the course. **There is no registration fee for the course or the exam.**



## *Registration Form For Principles of Epidemiology*

Name: \_\_\_\_\_

Agency: \_\_\_\_\_

Address: \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone Number: (\_\_\_\_) \_\_\_\_\_ -- \_\_\_\_\_ Fax Number: (\_\_\_\_) \_\_\_\_\_ -- \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Check one:

- ☐ I wish to attend the on-site technical assistance workshop and take the exam.
- ☐ I wish to attend the on-site technical assistance workshop but not take the exam.
- ☐ I do not wish to attend the on-site technical assistance workshop.

***Thank you for your interest in Principles of Epidemiology!***